DELEGATION OF EXPRESS AUTHORITY TO DAVID SHOFI, AS CHIEF INTELLECTUAL PROPERTY COUNSEL FOR ADVANCED TECHNOLOGY MATERIALS, INC.

I, Ellen Harmon, Executive Vice President Chief Legal Officer & Secretary, in the exercise of my authority as an officer of Advanced Technology Materials, Inc. hereby delegate to David Shoff, Chief Intellectual Property Counset of Advanced Technology Materials, Inc., the authority to execute documents on hehelf of Advanced Technology Materials, Inc., that are required to be filed in the United States Patient and Trademark Office, and with other patient offices and international authorities in proceedings involving patents, patient applications, inademark applications, industrial designs, ornamental designs, and other forms of intellectual property of Advanced Technology Materials, inc., to the same extent as I hyself could do in the exercise of my authority so Executive Vice President Chief Legal Officer & Secretary, in such proceedings.

Ellan Hannon

Executive Vice President Chief Legal Officer & Secretary Advanced Technology Materials, Inc.